

lines have been formed in succession between Tower Hill and Belfast, and that in all probability there is now a fourth in course of formation; whilst at Warrnambool the outliers of rock are but the original dunes partially dissolved and cemented together by the volumes of vapour and of rain either ejected from or induced by the action of Tower Hill in remote times; and lastly, from the vast preponderance of Tower Hill out-throws existing in greater quantity and to a much greater distance in an easterly and southeasterly than in any other direction, that meteorological conditions under circumstances of great atmospheric disturbance were in remote times the same as at present—and if in times of great disturbance of which we have evidence, then also in periods of comparative repose, and hence climatic conditions over very remote periods were the same as now.

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ART. VII.—*Notes on the Recent Earthquake.*

By R. L. J. ELLERY, ESQ., F.R.S., F.R.A.S.

[Read 12th July, 1877.]